

## BEST AVAILABLE COPY

(12) UK Patent Application (19) GB (11) 2 073 834 A

(21) Application No 8108637

(22) Date of filing 19 Mar 1981

(30) Priority date

(31) 348800

(32) 15 Apr 1980

(33) Canada (CA)

(43) Application published

21 Oct 1981

(51) INT CL<sup>2</sup>

F16D 88/04 B21J 15/02

(52) Domestic classification

F2E 1A1A1 1A1A2 1A1B

1A1C MB

B3A 18

B3U 3

(56) Documents cited

GB 2012647A

GB 1188175

GB 811369

GB 801560

GB 328147

(58) Field of search

F2E

(71) Applicant

Leer Sieglar, Inc.,

3171 South Bundy Drive,

Santa Monica, California,

United States of America

(72) Inventors

Michael Beri,

Arnold Salt

(74) Agent

S. Jones-Robinson,

The Laurels, 320 London

Road, Charlton Kings,

Cheltenham,

Gloucestershire GL52 6YJ

## (54) Disc Brake Pad and Method of Manufacture

(57) A disc brake pad (D) comprises a metal shoe plate (P) and a friction lining (L); the shoe plate (P) has integral hollow rivets (8) which extend into the friction lining (L) and are expanded within flared rivet holes (20) in the friction lining (L) so that the latter is wedged in position.

The walls (8) of rivets (8) are formed by extrusion i.e. the substance of the walls (8) is largely scooped from hole in plate (P)—plate (P) may be of mild steel.

Rivet holes (20) are formed during moulding of the lining (L) to be left with a coating or skin. The holes are shown conically flared at an angle of about 10° to the axis of the rivet holes—but flaring need not be continuous.

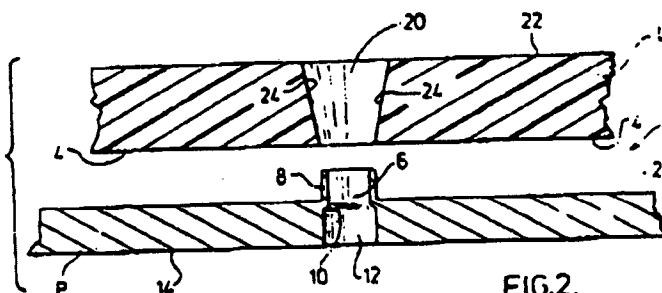


FIG. 2.

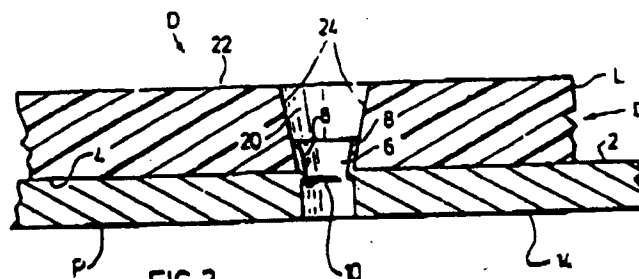


FIG. 3.

GB 2 073 834 A